This listing of claims will replace all prior versions, and listings, of claims in the application:

<u>Listing of Claims</u> (deleted text being struck through and added text being underlined):

1 1. (Previously Amended) An adapter for converting a hammer 2 tool into a multiple-impact object driving tool, the hammer tool having a housing with a barrel portion including a rear section and a 3 nose section, a passage extending through the barrel portion with an 4 opening in the nose section extending into the passage, the hammer 5 6 tool having a reciprocating impact member being positioned in the 7 passage, the adapter comprising: 8 a shroud for removably mounting on a hammer tool, the shroud 9 having a forward end and a rearward end, a bore being formed 10 through the upper shroud between the forward and rearward ends, the shroud having a rear portion located at the rearward 11 12 end of the shroud for removably receiving a portion of the hammer device, the shroud having a front portion located 13 FAX RECEIVED 14 forward of the rear portion; a drive punch positioned in the bore of the shroud with a rear 15 JUL 10 2003 section for being impacted by the reciprocating impact 16 member of the hammer tool and a forward end for impace 3700 17 18 an object to be driven; and a guide bushing extending forwardly from the shroud, the guide 19 bushing having a forward end and a rearward end, a channel 20 extending through the guide bushing between the forward and 21 22 rearward ends for receiving a portion of the object to be driven, the guide bushing being slidably mounted on the front 23 24 portion of the shroud such that the guide bushing is movable 25 between an extended position and a retracted position;

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- wherein the channel of the guide bushing has a substantially uniform diameter along a length of the guide bushing.
- 3. (Previously Amended) The adapter of claim 1 additionally comprising an annular groove formed in an interior surface of the bore of the shroud, and a securing ring removably mounted in annular groove in the bore for holding the securing ring in a stationary position on the shroud.
- 1 4. (Original) The adapter of claim 1 additionally comprising 2 a biasing means for biasing the guide bushing into an extended 3 position with respect to the shroud.
- 7. (Original) The adapter of claim 1 wherein the shroud has an outer surface, the outer surface of the shroud having a substantially cylindrical front part, a substantially frusta-conical intermediate part, and a substantially cylindrical rear part, a diameter of the rear part of the outer surface being relatively larger than a diameter of the front part of the outer surface.
- 8. (Previously Amended) An adapter for converting a hammer 1 tool into a multiple-impact object driving tool, the hammer tool 2 having a housing with a barrel portion including a rear section and a nose section, a passage extending through the barrel portion with an 4 opening in the nose section extending into the passage, the hammer 5 tool having a reciprocating impact member being positioned in the 6 passage, the adapter comprising: 7 a shroud for removably mounting on a hammer tool, the shroud 8 having a forward end and a rearward end, a bore being formed 9 through the upper shroud between the forward and rearward 10 ends, the shroud having a rear portion located at the rearward 11 end of the shroud for removably receiving a portion of the 12

hammer device, the shroud having a front portion located 13 forward of the rear portion; 14 a drive punch positioned in the bore of the shroud with a rear 15 section for being impacted by the reciprocating impact 16 member of the hammer tool and a forward end for impacting 17 18 an object to be driven; a guide bushing extending forwardly from the shroud, the guide 19 bushing having a forward end and a rearward end, a channel 20 extending through the guide bushing between the forward and 21 rearward ends for receiving a portion of the object to be 22 driven, the guide bushing being slidably mounted on the front 23 portion of the shroud such that the guide bushing is movable 24 between an extended position and a retracted position; and 25 a muffling means for muffling noise and vibration mounted on the 26 shroud for mounting on the hammer tool with the shroud and 27 removal from the hammer tool with the shroud; 28 wherein the muffling means comprises a muffler member mounted 29 on the rear portion of the shroud, the muffler member having a 30 bore in communication with the bore of the shroud, an annular 31 space being formed about the bore of the muffler member for 32 33 extending about a barrel portion of the hammer tool when the shroud is mounted on the hammer tool, and a muffling material 34 for absorbing vibration being positioned in the annular space 35 for extending about the barrel portion when the shroud is 36 mounted on the hammer tool. 37

9. (Cancelled) The adapter of claim 8 wherein the muffling means comprising a muffler member mounted on the rear portion of the shroud, the muffler member having a bore in communication with the bore of the shroud, an annular space being formed about the bore of the muffler member for extending about a barrel portion

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- 6 of the hammer tool when the shroud is mounted on the hammer tool,
- 7 and a muffling material for absorbing vibration being positioned in
- 8 the annular space for extending about the barrel portion when the
- 9 shroud is mounted on the hammer tool.
- 10. (Original) The adapter of claim I additionally comprising
- 2 a magnetic member mounted on the guide bushing for facilitating
- 3 holding of an object to be driven in the guide bushing.
- 1 11. (Original) The adapter of claim 1 wherein the rear portion
- 2 of the shroud includes retaining means for retaining the shroud on
- 3 the nose of the hammer tool.
- 1 12. (Original) The adapter of claim 11 wherein the retaining
- 2 means includes:
- a longitudinal slit formed in the rear portion of the shroud and
- 4 extending from the rearward end of the shroud toward the forward
- 5 end; and
- a pair of retaining tabs, each of the retaining tabs being
- 7 mounted on the rear portion on a side of the longitudinal slit such
- 8 that the retaining tabs are located on opposite sides of the
- 9 longitudinal slit; and
- a fastener for constricting the longitudinal slit by pulling the
- 11 retaining tabs toward each other.
- 1 13. (Original) The adapter of claim 11 wherein the retaining
- 2 means includes:
- a recess formed in the rear portion of the shroud, the recess
- 4 extending between the bore of the shroud and an exterior of the
- 5 shroud;
- a locking ball positioned in the recess and being movable in
- 7 the recess between a locked position in which the locking ball

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8 extends into the bore for engaging an exterior of a nose section of

9 the hammer tool, and an unlocked position in which the locking ball

10 is substantially completely retracted into the recess;

a lever movably positioned in the recess, the lever having a

12 locked position in which the lever presses the locking ball into the

13 locked position and an unlocked position in which the lever permits

14 the locking ball to retract into the recess.

groove on the hammer tool.

- 1 14. (Previously Amended) The adapter of claim 1 wherein an interior surface of the bore at the rear portion has interior threads formed thereon for threadedly engaging a helical groove on an exterior of a nose of the barrel portion of the hammer tool provided for accepting a retainer spring, and wherein peaks of the interior threads are semicircular in cross-section for engaging the helical
- 15. (Previously Amended) An adapter for converting a 1 hammer tool into a multiple-impact object driving tool, the hammer 2 tool having a housing with a barrel portion including a rear section 3 and a nose section, a passage extending through the barrel portion 4 with an opening in the nose section extending into the passage, the 5 hammer tool having a reciprocating impact member being positioned 6 in the passage, the adapter comprising: 7 a shroud for removably mounting on a hammer tool, the shroud 8 having a forward end and a rearward end, a bore being formed 9 through the upper shroud between the forward and rearward 10 ends, the shroud having a rear portion located at the rearward 11 end of the shroud for removably receiving a portion of the 12 hammer device, the shroud having a front portion located 13

15 a drive punch positioned in the bore of the shroud with a rear

forward of the rear portion;

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section for being impacted by the reciprocating impact 16 member of the hammer tool and a forward end for impacting 17 an object to be driven; 18 a guide bushing extending forwardly from the shroud, the guide 19 bushing having a forward end and a rearward end, a channel 20 extending through the guide bushing between the forward and 21 rearward ends for receiving a portion of the object to be 22 driven, the guide bushing being slidably mounted on the front 23 portion of the shroud such that the guide bushing is movable 24 between an extended position and a retracted position; and 25 an extender assembly removably mounted on the shroud, the 26 extender assembly including a collar extending about the 27 shroud and an extender member pivotally mounted on the 28 collar and extending forwardly past the forward end of the 29 shroud and the forward end of the guide bushing, a foremost 30 end of the extender member having a forked configuration for 31 receiving a portion of a fastener to position the fastener as it 32 extends into the channel of the guide bushing. 33

- 1 16. (Original) The adapter of claim 15 wherein the extender
 2 member comprises has two telescopic portions permitting adjustment
 3 of the amount of forward extension of the foremost end of the
 4 extender member.
- 17. (Original) A multiple impact object driving system
 2 comprising:

a hammer tool for impacting an object, the hammer tool having a
housing, the housing including a handle portion and a barrel
portion mounted on the handle portion, the barrel portion
having a rear section and a nose section, an outer surface of
the nose section having a plurality of mounting threads, a

passage extending through the barrel portion, an opening in 8 the nose section extending into the passage, a reciprocating 9 impact member being positioned in the passage; and 10 an adapter for converting a hammer tool into a multiple-impact 11 object driving tool, the adapter being adapted for holding an 12 object during the multiple impacts, the adapter comprising: 13 a shroud for removably mounting on the nose of the hammer tool, 14 the shroud having a forward end and a rearward end, a bore 15 being formed through the upper shroud between the forward 16 and rearward ends; 17 the shroud having a rear portion removably mounted on the 18 nose of the hammer device, the rear portion being 19 located at the rearward end of the shroud, an interior 20 surface of the bore at the rear portion having interior 21 threads formed thereon for threadedly engaging 22 exterior threads on the nose of the hammer tool; 23 an annular interior shoulder being formed in the bore of 24 the rear portion of the shroud; 25 the shroud having a front portion located forward of the 26 rear portion and at the forward end of the shroud; 27 a lip formed on the shroud and extending inwardly into 28 the bore, the lip being located adjacent to the 29 forward end of the front portion of the shroud; 30 a guide bushing extending forwardly from the shroud, the guide 31 bushing being slidably mounted on the front portion of the 32 shroud, the guide bushing having a forward end and a 33 rearward end, a channel extending through the guide 34 bushing between the forward and rearward ends; 35 an annular flange on the guide bushing for retaining the guide 36 bushing on the shroud, the annular flange being mounted 37

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on the rearward end of the guide bushing, the annular 38 flange extending radially outward from the guide 39 40 bushing; a securing ring removably mounted in the bore, the securing ring 41 being positioned in the bore substantially adjacent to a 42 43 juncture of the front and rear portions of the shroud, an annular groove formed in an interior surface of the bore for 44 receiving the securing ring in a manner preventing 45 46 movement of the securing ring in the bore, the securing 47 ring having an interior perimeter relatively smaller than a 48 diameter of the bore in the shroud; a ring member being positioned in the bore adjacent to the 49 annular interior shoulder of the rear portion for abutting 50 the nose section of the hammer tool: 51 a biasing means for biasing the guide bushing into an extended 52 53 position with respect to the shroud, the biasing means comprising a compression spring positioned in the bore, the 54 55 compression spring being located between the securing ring 56 and the guide bushing for pushing the guide bushing away 57 from the securing ring; a drive punch positioned in the bore of the shroud, the drive 58 59 punch having a rear section for being impacted by the 60 reciprocating impact member of the hammer tool, the drive 61 punch having a front section with a forward end for impacting an object to be driven, an annular punch flange 62 extending radially outwardly from the drive punch, the 63 punch flange being positioned generally between the front 64 and rear sections of the drive punch, the punch flange being 65 positioned adjacent to the securing ring; 66 wherein the shroud has an outer surface, the outer surface of 67

the shroud having a substantially cylindrical front part, 68 a substantially frusta-conical intermediate part, and a 69 substantially cylindrical rear part, a diameter of the rear 70 part of the outer surface being relatively larger than a 71 diameter of the front part of the outer surface; 72 a muffling means for muffling noise and vibration, the muffling 73 means comprising a muffler member mounted on the rear 74 portion of the shroud, the muffler member having a bore in 75 communication with the bore of the shroud, an annular 76 space being formed about the bore of the muffler member, 77 and a muffling material positioned in the annular space for 78 79 absorbing vibration; a magnetic member mounted on the guide bushing for facilitating 80 holding of an object to be driven in the bushing, the 81 magnetic member being located toward a front end of the 82 83 guide bushing; and retaining means on the rear portion of the shroud for retaining 84 the shroud on the nose of the hammer tool. 85

- 20. (Previously Added) The adapter of claim 1 wherein the uniform diameter of the channel of the guide bushing is slightly larger than a diameter of the forward end of the drive punch.
- 1 21. (Previously Added) The adapter of claim 1 wherein the 2 shroud and the slidable guide bushing have an overall length, a 3 length of the slidable guide bushing comprising approximately one-4 third of the overall length of the shroud and guide bushing.
- 1 22. (Previously Added) The adapter of claim 1 wherein the 2 forward end of the drive punch terminates at a forwardmost end of 3 the front portion of the shroud.

23. (Previously Added) The adapter of claim 1 wherein the 1 forward end of the drive punch extends into the channel of the guide 2 bushing when the slidable guide bushing is fully extended from the 3 4 shroud. 24. (Previously Added) The adapter of claim 15 wherein the 1 forked configuration of the foremost end of the extender member 2 includes a pair of converging edges in a concave configuration. 3 25. (Currently Amended) The adapter of claim 17 wherein 1 the channel of the guide bushing has a substantially uniform 2 diameter along a length of the guide bushing; 3 wherein the uniform diameter of the channel of the guide 4 bushing is slightly larger than a diameter of the forward end of the 5 6 drive punch; wherein the shroud and the slidable guide bushing have an 7 overall length, a length of the slidable guide bushing comprising 8 approximately one-third of the overall length of the shroud and 9 . guide bushing; 10 wherein the forward end of the drive punch terminates at a 11 forwardmost end of the front portion of the shroud; 12 wherein the forward end of the drive punch extends into the 13 channel of the guide bushing when the slidable guide bushing is 14 fully extended from the shroud; and 15 wherein the forked configuration of the foremost end of the 16

extender member-includes a pair of converging edges in a concave

configuration.

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